

GenCore version 5.1.4_p5_4578
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OM nucleic - nucleic search, using sw model

Run on: March 11, 2003, 11:21:13 ; Search time 9051 Seconds
(without alignments)
17430.815 Million cell updates/sec

Title: US-10-006-911-3
Perfect score: 5421
Sequence: 1 cggggtcgggttttttttg.tggtttcaaaaaaaaaaaaaa 5421

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0
Searched: 2054640 seqs, 14551402878 residues
Total number of hits satisfying chosen parameters: 841850

Minimum DB seq length: 0
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : GenEmbl:*

- 1: gb_ba:*
- 2: gb_hgt:*
- 3: gb_in:*
- 4: gb_om:*
- 5: gb_ov:*
- 6: gb_pat:*
- 7: gb_ph:*
- 8: gb_pl:*
- 9: gb_pr:*
- 10: gb_ro:*
- 11: gb_sts:*
- 12: gb_sy:*
- 13: gb_un:*
- 14: gb_vi:*
- 15: em_ba:*
- 16: em_fun:*
- 17: em_hum:*
- 18: em_in:*
- 19: em_mu:*
- 20: em_om:*
- 21: em_or:*
- 22: em_ov:*
- 23: em_pat:*
- 24: em_ph:*
- 25: em_pl:*
- 26: em_ro:*
- 27: em_sts:*
- 28: em_un:*
- 29: em_vi:*
- 30: em_htg_hum:*
- 31: em_htg_inv:*
- 32: em_htg_other:*
- 33: em_htg_mus:*
- 34: em_htg_pln:*
- 35: em_htg_rod:*
- 36: em_htg_mam:*
- 37: em_htg_vrt:*
- 38: em_sy:*
- 39: em_htgo_hum:*
- 40: em_htgo_mus:*
- 41: em_htgo_other:*

Pred. No. is the number of results predicted by chance to have a

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB	ID	Description
C 1	34.6	0.6	50	6	AR178318	AR178318 Sequence
C 2	34.6	0.6	50	6	AX323400	AX323400 Sequence
C 3	30.6	0.6	31	6	AX248013	AX248013 Sequence
C 4	30.6	0.6	31	6	AX248014	AX248014 Sequence
C 5	30.4	0.6	49	6	AX099434	AX099434 Sequence
C 6	29.8	0.5	44	6	I31473	I31473 Sequence 38
C 7	28.2	0.5	43	6	AX484406	AX484406 Sequence
C 8	28	0.5	45	6	E50989	E50989 Method for
C 9	27.8	0.5	40	6	A48799	A48799 Sequence 6
C 10	27.8	0.5	43	6	AX225198	AX225198 Sequence
C 11	27.8	0.5	44	6	AR038858	AR038858 Sequence
C 12	27.8	0.5	50	6	AX261361	AX261361 Sequence
C 13	27.8	0.5	50	6	I36502	I36502 Sequence 1
C 14	27.4	0.5	50	6	AX164808	AX164808 Sequence
C 15	27.2	0.5	46	6	AX287579	AX287579 Sequence
C 16	27.2	0.5	46	6	AX287583	AX287583 Sequence
C 17	26.8	0.5	30	6	AR208348	AR208348 Sequence
C 18	26.8	0.5	38	6	AX207477	AX207477 Sequence
C 19	26.4	0.5	37	6	AX106972	AX106972 Sequence
C 20	26.4	0.5	37	6	I29931	I29931 Sequence 44
C 21	26.4	0.5	38	6	E50766	E50766 Vector expr
C 22	26.4	0.5	46	6	AX287581	AX287581 Sequence
C 23	26.4	0.5	48	6	AX166869	AX166869 Sequence
C 24	26.4	0.5	49	3	DDUG3F07	DDUG3F07 Dictyosteli
C 25	26.2	0.5	41	6	I29926	I29926 Sequence 39
C 26	26.2	0.5	44	6	I29927	I29927 Sequence 40
C 27	26.2	0.5	50	6	I23510	I23510 Sequence 5
C 28	26.2	0.5	50	6	I28359	I28359 Sequence 5
C 29	26.2	0.5	50	6	I28514	I28514 Sequence 5
C 30	26.2	0.5	50	6	I41125	I41125 Sequence 5
C 31	26.2	0.5	50	6	I49056	I49056 Sequence 5
C 32	26.2	0.5	50	6	I70295	I70295 Sequence 5
C 33	26.2	0.5	50	6	I90068	I90068 Sequence 5
C 34	26	0.5	47	6	AX458031	AX458031 Sequence
C 35	26	0.5	50	6	AX158154	AX158154 Sequence
C 36	25.8	0.5	45	6	AX287571	AX287571 Sequence
C 37	25.8	0.5	45	6	AX287575	AX287575 Sequence
C 38	25.6	0.5	42	6	I32405	I32405 Sequence 2
C 39	25.6	0.5	46	6	AX287577	AX287577 Sequence
C 40	25.6	0.5	50	6	I23510	I23510 Sequence 5
C 41	25.6	0.5	50	6	I28359	I28359 Sequence 5
C 42	25.6	0.5	50	6	I28514	I28514 Sequence 5
C 43	25.6	0.5	50	6	I41125	I41125 Sequence 5
C 44	25.6	0.5	50	6	I49056	I49056 Sequence 5
C 45	25.6	0.5	50	6	I70295	I70295 Sequence 5
C 46	25.6	0.5	50	6	I90068	I90068 Sequence 5
C 47	25.4	0.5	37	6	I29925	I29925 Sequence 38
C 48	25.4	0.5	41	6	A62423	A62423 Sequence 4
C 49	25.4	0.5	43	6	AR071826	AR071826 Sequence
C 50	25.4	0.5	43	6	AR112566	AR112566 Sequence
C 51	25.4	0.5	47	6	AX378317	AX378317 Sequence
C 52	25.4	0.5	47	12	SYNPRWA	SYNPRWA Artificial
C 53	25.4	0.5	50	6	AX001307	AX001307 Sequence
C 54	25.4	0.5	50	6	AX165819	AX165819 Sequence
C 55	25.4	0.5	50	6	E36243	E36243 Human semap
C 56	25.4	0.5	50	6	I27665	I27665 Sequence 20
C 57	25.2	0.5	44	6	AX206861	AX206861 Sequence
C 58	25.2	0.5	47	6	AX441077	AX441077 Sequence
C 59	25.2	0.5	48	6	AX441076	AX441076 Sequence
C 60	25.2	0.5	50	6	AX158154	AX158154 Sequence
C 61	25	0.5	37	9	HSOBRI05	HSOBRI05 Human ORP g
C 62	25	0.5	45	6	E50989	E50989 Method for
C 63	24.8	0.5	28	6	AR208346	AR208346 Sequence
C 64	24.8	0.5	29	6	AR098648	AR098648 Sequence
C 65	24.8	0.5	29	6	AF204722	AF204722 Sequence

66	24.8	0.5	43	6	AX395321	AX395321 Sequence	139	23.8	0.4	49	6	AX441075	AX441075 Sequence
67	24.8	0.5	43	6	AX443022	AX443022 Sequence	C 140	23.8	0.4	50	6	AX187454	AX187454 Sequence
68	24.8	0.5	43	6	AX459616	AX459616 Sequence	C 141	23.6	0.4	50	6	AR082115	AR082115 Sequence
69	24.8	0.5	46	6	AX287578	AX287578 Sequence	C 142	23.6	0.4	50	6	AX164808	AX164808 Sequence
70	24.8	0.5	46	6	AX287582	AX287582 Sequence	143	23.4	0.4	26	6	AR174581	AR174581 Sequence
71	24.6	0.5	44	6	AP038858	AP038858 Sequence	144	23.4	0.4	26	6	AX106717	AX106717 Sequence
72	24.6	0.5	45	6	AR001540	AR001540 Sequence	145	23.4	0.4	26	6	I79494	I79494 Sequence 1
73	24.6	0.5	48	6	AP020989	AP020989 Sequence	C 146	23.4	0.4	31	6	A08914	A08914 H.sapiens (
74	24.6	0.5	48	6	AP043404	AP043404 Sequence	C 147	23.4	0.4	32	6	AX430213	AX430213 Sequence
75	24.6	0.5	48	6	AP062319	AP062319 Sequence	C 148	23.4	0.4	33	6	AP099615	AP099615 Sequence
76	24.6	0.5	48	6	AP183778	AP183778 Sequence	C 149	23.4	0.4	33	6	AP120128	AP120128 Sequence
77	24.4	0.5	30	6	AX079109	AX079109 Sequence	C 150	23.4	0.4	35	6	I29924	I29924 Sequence 37
78	24.4	0.5	35	6	AP029830	AP029830 Sequence	C 151	23.4	0.4	43	6	AX395321	AX395321 Sequence
79	24.4	0.5	36	6	I29930	I29930 Sequence 43	C 152	23.4	0.4	43	6	AX443022	AX443022 Sequence
80	24.4	0.5	43	6	I78646	I78646 Sequence 1	C 153	23.4	0.4	43	6	AX459616	AX459616 Sequence
81	24.4	0.5	45	6	AX287571	AX287571 Sequence	154	23.4	0.4	43	6	I78647	I78647 Sequence 2
82	24.4	0.5	45	6	AX287575	AX287575 Sequence	155	23.4	0.4	43	6	I78649	I78649 Sequence 4
83	24.4	0.5	46	6	AX287578	AX287578 Sequence	156	23.4	0.4	43	6	I78651	I78651 Sequence 6
84	24.4	0.5	46	6	AX287582	AX287582 Sequence	157	23.4	0.4	43	6	I78656	I78656 Sequence 11
85	24.4	0.5	46	6	I45570	I45570 Sequence 5	C 158	23.4	0.4	44	6	AX206861	AX206861 Sequence
86	24.4	0.5	50	6	AX157157	AX157157 Sequence	C 159	23.4	0.4	46	6	AR003731	AR003731 Sequence
87	24.2	0.4	32	6	AR002289	AR002289 Sequence	C 160	23.4	0.4	46	6	AR010067	AR010067 Sequence
88	24.2	0.4	32	6	AP053140	AP053140 Sequence	C 161	23.4	0.4	46	6	AP055273	AP055273 Sequence
89	24.2	0.4	33	6	AP099615	AP099615 Sequence	C 162	23.4	0.4	46	6	AR141202	AR141202 Sequence
90	24.2	0.4	33	6	AP120128	AP120128 Sequence	C 163	23.4	0.4	46	6	AR141439	AR141439 Sequence
91	24.2	0.4	37	6	I29931	I29931 Sequence 44	C 164	23.4	0.4	46	6	I11911	I11911 Sequence 21
92	24.2	0.4	38	6	E50766	E50766 Vector expr	C 165	23.4	0.4	46	6	I40484	I40484 Sequence 21
93	24.2	0.4	45	6	AP202973	AP202973 Sequence	166	23.4	0.4	47	6	AX194782	AX194782 Sequence
94	24.2	0.4	45	6	AX172348	AX172348 Sequence	167	23.4	0.4	48	6	AX133326	AX133326 Sequence
95	24.2	0.4	45	6	AX287569	AX287569 Sequence	168	23.4	0.4	50	6	AR082114	AR082114 Sequence
96	24.2	0.4	45	6	AX287573	AX287573 Sequence	C 169	23.4	0.4	50	6	AX157852	AX157852 Sequence
97	24.2	0.4	47	6	AP078060	AP078060 Sequence	170	23.2	0.4	29	6	AR162080	AR162080 Sequence
98	24	0.4	26	6	AP098647	AP098647 Sequence	171	23.2	0.4	29	6	AR166605	AR166605 Sequence
99	24	0.4	26	6	AP204721	AP204721 Sequence	C 172	23.2	0.4	29	6	AX048408	AX048408 Sequence
100	24	0.4	33	6	BD011883	BD011883 Detection	173	23.2	0.4	29	6	AX048409	AX048409 Sequence
101	24	0.4	33	6	BD004363	BD004363 Detection	174	23.2	0.4	29	6	AX052994	AX052994 Sequence
102	24	0.4	38	6	AX009603	AX009603 Sequence	175	23.2	0.4	29	6	AX353685	AX353685 Sequence
103	24	0.4	42	6	AR020971	AR020971 Sequence	C 176	23.2	0.4	30	6	A43784	A43784 Sequence 9
104	24	0.4	42	6	AP043386	AP043386 Sequence	177	23.2	0.4	30	6	A62991	A62991 Sequence 3
105	24	0.4	42	6	AP062301	AP062301 Sequence	C 178	23.2	0.4	30	6	A62995	A62995 Sequence 7
106	24	0.4	42	6	AP183760	AP183760 Sequence	179	23.2	0.4	30	6	AP179066	AP179066 Sequence
107	24	0.4	45	6	AX287570	AX287570 Sequence	C 180	23.2	0.4	30	6	AR179070	AR179070 Sequence
108	24	0.4	45	6	AX287574	AX287574 Sequence	181	23.2	0.4	30	6	AX104902	AX104902 Sequence
109	24	0.4	45	6	AX320846	AX320846 Sequence	C 182	23.2	0.4	30	6	AX104903	AX104903 Sequence
110	24	0.4	45	6	AX320847	AX320847 Sequence	183	23.2	0.4	30	6	AX474673	AX474673 Sequence
111	24	0.4	46	6	AX287579	AX287579 Sequence	C 184	23.2	0.4	30	6	AX474674	AX474674 Sequence
112	24	0.4	46	6	AX287583	AX287583 Sequence	185	23.2	0.4	30	6	E04638	E04638 Synthesized
113	24	0.4	50	6	AX158156	AX158156 Sequence	C 186	23.2	0.4	30	6	I84450	I84450 Sequence 9
114	24	0.4	50	6	AX164809	AX164809 Sequence	187	23.2	0.4	34	6	A63578	A63578 Sequence 19
115	23.8	0.4	27	6	AX175242	AX175242 Sequence	C 188	23.2	0.4	36	6	AX048428	AX048428 Sequence
116	23.8	0.4	29	6	AX052989	AX052989 Sequence	C 189	23.2	0.4	36	6	I29893	I29893 Sequence 6
117	23.8	0.4	35	6	A63565	A63565 Sequence 6	C 190	23.2	0.4	37	6	AP036807	AP036807 Sequence
118	23.8	0.4	36	6	AP001552	AP001552 Sequence	C 191	23.2	0.4	37	6	AX048429	AX048429 Sequence
119	23.8	0.4	37	6	AR001551	AR001551 Sequence	C 192	23.2	0.4	37	6	AX106972	AX106972 Sequence
120	23.8	0.4	38	6	AR001550	AR001550 Sequence	C 193	23.2	0.4	40	6	A48206	A48206 Sequence 5
121	23.8	0.4	39	6	AP001549	AP001549 Sequence	194	23.2	0.4	40	6	A48799	A48799 Sequence 6
122	23.8	0.4	40	6	AP001548	AP001548 Sequence	195	23.2	0.4	40	6	A57299	A57299 Sequence 5
123	23.8	0.4	41	6	AP001547	AP001547 Sequence	C 196	23.2	0.4	43	6	AX225198	AX225198 Sequence
124	23.8	0.4	42	6	AP001546	AP001546 Sequence	197	23.2	0.4	44	6	AR098657	AR098657 Sequence
125	23.8	0.4	42	6	I32405	I32405 Sequence 2	198	23.2	0.4	44	6	AR204731	AR204731 Sequence
126	23.8	0.4	43	6	AR001544	AR001544 Sequence	199	23.2	0.4	44	6	I29927	I29927 Sequence 40
127	23.8	0.4	43	6	AR001545	AR001545 Sequence	200	23.2	0.4	48	6	AX166869	AX166869 Sequence
128	23.8	0.4	45	6	AP001543	AP001543 Sequence	201	23.2	0.4	50	6	AP082115	AP082115 Sequence
129	23.8	0.4	45	6	AP071842	AP071842 Sequence	202	23.2	0.4	50	6	AP082116	AP082116 Sequence
130	23.8	0.4	45	6	AP112582	AP112582 Sequence	C 203	23.2	0.4	50	6	AX261361	AX261361 Sequence
131	23.8	0.4	46	6	AP003731	AP003731 Sequence	204	23.2	0.4	50	6	I36502	I36502 Sequence 1
132	23.8	0.4	46	6	AP010067	AP010067 Sequence	C 205	23	0.4	24	6	AP026545	AP026545 Sequence
133	23.8	0.4	46	6	AP055273	AP055273 Sequence	206	23	0.4	24	6	AR026546	AR026546 Sequence
134	23.8	0.4	46	6	AP141202	AP141202 Sequence	207	23	0.4	24	6	AP026547	AP026547 Sequence
135	23.8	0.4	46	6	AR141439	AR141439 Sequence	C 208	23	0.4	24	6	AR026548	AR026548 Sequence
136	23.8	0.4	46	6	I11911	I11911 Sequence 21	C 209	23	0.4	24	6	AR128993	AR128993 Sequence
137	23.8	0.4	46	6	I40484	I40484 Sequence 21	210	23	0.4	24	6	AR128994	AR128994 Sequence
138	23.8	0.4	47	6	AX458031	AX458031 Sequence	211	23	0.4	24	6	AR128995	AR128995 Sequence

C 212	23	0.4	24	6	AR128996	AP128996 Sequence	285	22.4	0.4	25	6	158009	I59009 Sequence 2
C 213	23	0.4	24	6	AR202467	AP202467 Sequence	286	22.4	0.4	25	6	196072	I26072 Sequence 2
C 214	23	0.4	24	6	AR202468	AR202468 Sequence	287	22.4	0.4	26	6	A51713	A51713 Sequence 19
C 215	23	0.4	24	6	AR202469	AR202469 Sequence	288	22.4	0.4	26	6	AR137712	AR137712 Sequence
C 216	23	0.4	24	6	AR202470	AR202470 Sequence	289	22.4	0.4	26	6	AR167592	AR167592 Sequence
C 217	23	0.4	24	6	AR202471	AR202471 Sequence	290	22.4	0.4	26	6	AR174582	AR174582 Sequence
C 218	23	0.4	24	6	AR202472	AR202472 Sequence	291	22.4	0.4	26	6	AR178302	AR178302 Sequence
C 219	23	0.4	33	6	BD011883	BD011883 Detection	292	22.4	0.4	26	6	AX323384	AX323384 Sequence
C 220	23	0.4	33	23	BD004363	BD004363 Detection	293	22.4	0.4	26	6	AX427154	AX427154 Sequence
C 221	23	0.4	34	6	A63578	A63578 Sequence 19	294	22.4	0.4	26	6	BD007174	BD007174 Method an
C 222	23	0.4	35	6	AF071746	AF071746 Sequence	295	22.4	0.4	26	6	I79495	I79495 Sequence 2
C 223	23	0.4	35	6	I35032	I35032 Sequence 11	296	22.4	0.4	26	6	I79496	I79496 Sequence 3
C 224	23	0.4	38	6	AX009604	AX009604 Sequence	297	22.4	0.4	27	6	AX009609	AX009609 Sequence
C 225	23	0.4	38	6	AX009605	AX009605 Sequence	298	22.4	0.4	27	6	AX104719	AX104719 Sequence
C 226	23	0.4	40	6	AP071758	AR071758 Sequence	299	22.4	0.4	27	6	AX355814	AX355814 Sequence
C 227	23	0.4	42	6	A49109	A49109 Sequence 4	300	22.4	0.4	27	6	E04985	E04985 DNA sequenc
C 228	23	0.4	45	6	AX287570	AX287570 Sequence	301	22.4	0.4	27	6	S64862S3	S64864 alpha 1-the
C 229	23	0.4	45	6	AX287574	AX287574 Sequence	302	22.4	0.4	29	6	AR162080	AR162080 Sequence
C 230	23	0.4	47	6	AX114342	AX114342 Sequence	303	22.4	0.4	29	6	AR166605	AR166605 Sequence
C 231	23	0.4	48	6	AR020989	AR020989 Sequence	304	22.4	0.4	29	6	AX048408	AX048408 Sequence
C 232	23	0.4	48	6	AP062319	AP062319 Sequence	305	22.4	0.4	29	6	AX048409	AX048409 Sequence
C 233	23	0.4	48	6	AR071849	AR071849 Sequence	306	22.4	0.4	29	6	AX052994	AX052994 Sequence
C 234	23	0.4	48	6	AR112589	AR112589 Sequence	307	22.4	0.4	29	6	AX353685	AX353685 Sequence
C 235	23	0.4	48	6	AR183778	AR183778 Sequence	308	22.4	0.4	29	6	AX430216	AX430216 Sequence
C 236	23	0.4	48	6	S64862S2	S64863 alpha 1-the	309	22.4	0.4	29	6	HS241944	HS241944 Homo sapi
C 237	23	0.4	48	6	AX160956	AX160956 Sequence	310	22.4	0.4	30	6	AX079108	AX079108 Sequence
C 238	23	0.4	50	6	YSCY1D1	M24990 S.cerevisia	311	22.4	0.4	30	6	AX351711	AX351711 Sequence
C 239	23	0.4	50	8	I45569	I45569 Sequence 4	312	22.4	0.4	33	6	AX183778	AX183778 Sequence
C 240	22.8	0.4	33	6	I45569	AR001553 Sequence	313	22.4	0.4	34	6	I29923	I29923 Sequence 36
C 241	22.8	0.4	35	6	AP001553	AR001553 Sequence	314	22.4	0.4	35	6	A63565	A63565 Sequence 6
C 242	22.8	0.4	36	6	AR036355	AR036355 Sequence	315	22.4	0.4	35	6	A63566	A63566 Sequence 7
C 243	22.8	0.4	36	6	I12572	I12572 Sequence 18	316	22.4	0.4	35	6	AP000140	AP000140 Sequence
C 244	22.8	0.4	36	6	I72103	I72103 Sequence 18	317	22.4	0.4	35	6	I66254	I66254 Sequence 6
C 245	22.8	0.4	37	9	HSOBR105	U62489 Human OBR 9	318	22.4	0.4	36	6	AX048428	AX048428 Sequence
C 246	22.8	0.4	41	6	AX320844	AX320844 Sequence 3	319	22.4	0.4	37	6	AX048429	AX048429 Sequence
C 247	22.8	0.4	43	6	I78648	I78648 Sequence 3	320	22.4	0.4	38	6	AX009606	AX009606 Sequence
C 248	22.8	0.4	43	6	I78650	I78650 Sequence 5	321	22.4	0.4	40	6	AR107937	AR107937 Sequence
C 249	22.8	0.4	43	6	I78652	I78652 Sequence 7	322	22.4	0.4	40	6	AR166099	AR166099 Sequence
C 250	22.8	0.4	43	6	I78657	I78657 Sequence 12	323	22.4	0.4	42	6	A26073	A26073 sarr(3) pro
C 251	22.8	0.4	48	6	AX052702	AX052702 Sequence	324	22.4	0.4	42	6	A79693	A79693 Sequence 27
C 252	22.8	0.4	49	11	G73668	G73668 R220R etio	325	22.4	0.4	42	6	AX427629	AX427629 Sequence
C 253	22.8	0.4	50	6	AX156806	AX156806 Sequence	326	22.4	0.4	46	6	AX482055	AX482055 Sequence
C 254	22.8	0.4	50	6	AX187454	AX187454 Sequence	327	22.4	0.4	46	6	I66520	I66520 Sequence 40
C 255	22.8	0.4	50	6	AX204524	AX204524 Sequence	328	22.4	0.4	47	6	E13925	E13925 Primer 4/1
C 256	22.6	0.4	27	6	AX327980	AX327980 Sequence	329	22.4	0.4	47	6	E16034	E16034 DNA primer
C 257	22.6	0.4	30	6	AP051244	AR051244 Sequence	330	22.4	0.4	48	6	AP079463	AP079463 Sequence
C 258	22.6	0.4	30	6	AR127791	AR127791 Sequence	331	22.4	0.4	48	6	AP209895	AP209895 Sequence
C 259	22.6	0.4	30	6	I28373	I28373 Sequence 12	332	22.4	0.4	48	6	AX356069	AX356069 Sequence
C 260	22.6	0.4	32	6	AX430213	AX430213 Sequence	333	22.4	0.4	50	6	AR071833	AR071833 Sequence
C 261	22.6	0.4	40	6	A43785	A43785 Sequence 10	334	22.4	0.4	50	6	AR112573	AR112573 Sequence
C 262	22.6	0.4	40	6	I84451	I84451 Sequence 10	335	22.4	0.4	50	6	AX001307	AX001307 Sequence
C 263	22.6	0.4	42	6	AR148431	AR148431 Sequence	336	22.4	0.4	50	6	AX158618	AX158618 Sequence
C 264	22.6	0.4	47	6	AR078060	AR078060 Sequence	337	22.4	0.4	50	6	AX158618	AX158618 Sequence
C 265	22.6	0.4	47	6	AX114342	AX114342 Sequence	338	22.4	0.4	50	6	AX160088	AX160088 Sequence
C 266	22.6	0.4	50	6	AR082114	AR082114 Sequence	339	22.4	0.4	50	6	AX160956	AX160956 Sequence
C 267	22.6	0.4	50	6	AR082116	AR082116 Sequence	340	22.4	0.4	50	6	E26243	E26243 Human semap
C 268	22.6	0.4	50	6	AP086862	AP086862 Sequence	341	22.4	0.4	50	6	I27665	I27665 Sequence 20
C 269	22.4	0.4	24	6	AR010037	AR010037 Sequence	342	22.2	0.4	28	6	A63563	A63563 Sequence 4
C 270	22.4	0.4	24	6	AP034772	AP034772 Sequence	343	22.2	0.4	31	6	AX183609	AX183609 Sequence
C 271	22.4	0.4	24	6	AR068465	AR068465 Sequence	344	22.2	0.4	35	6	A63574	A63574 Sequence 15
C 272	22.4	0.4	24	6	AR105984	AR105984 Sequence	345	22.2	0.4	42	6	AR087141	AR087141 Sequence
C 273	22.4	0.4	24	6	AP107972	AP107972 Sequence	346	22.2	0.4	42	6	AR097558	AR097558 Sequence
C 274	22.4	0.4	24	6	AR184443	AR184443 Sequence	347	22.2	0.4	42	6	AR148431	AR148431 Sequence
C 275	22.4	0.4	24	6	AR202876	AR202876 Sequence	348	22.2	0.4	42	6	I23955	I23955 Sequence 3
C 276	22.4	0.4	24	6	AX104241	AX104241 Sequence	349	22.2	0.4	44	6	AR157397	AR157397 Sequence
C 277	22.4	0.4	24	6	AX104769	AX104769 Sequence	350	22.2	0.4	48	6	AX002000	AX002000 Sequence
C 278	22.4	0.4	24	6	AX104770	AX104770 Sequence	351	22.2	0.4	49	6	AX099434	AX099434 Sequence
C 279	22.4	0.4	24	6	AX354553	AX354553 Sequence	352	22.2	0.4	50	6	A45286	A45286 Sequence 17
C 280	22.4	0.4	24	6	AX355813	AX355813 Sequence	353	22.2	0.4	50	6	AR071833	AR071833 Sequence
C 281	22.4	0.4	24	6	AX427163	AX427163 Sequence	354	22.2	0.4	50	6	AR112573	AR112573 Sequence
C 282	22.4	0.4	24	6	AX428574	AX428574 Sequence	355	22.2	0.4	50	6	AR116266	AR116266 Sequence
C 283	22.4	0.4	24	6	I24762	I24762 Sequence 25	356	22.2	0.4	50	6	AX161082	AX161082 Sequence
C 284	22.4	0.4	25	6	AP105980	AP105980 Sequence	357	22.2	0.4	50	6	HSFPL2	HSFPL2 Homo sapi

358	22	0.4	22	21.8	0.4	C 431	21.8	0.4	50	6	I47698	I47698 Sequence 11
359	22	0.4	22	21.8	0.4	C 432	21.8	0.4	50	6	I73120	I73120 Sequence 11
C 360	22	0.4	22	21.6	0.4	433	21.6	0.4	24	6	AX391871	AX391871 Sequence
361	22	0.4	30	21.6	0.4	434	21.6	0.4	30	6	AR001542	AR001542 Sequence
C 362	22	0.4	30	21.6	0.4	435	21.6	0.4	36	6	AR084537	AR084537 Sequence
363	22	0.4	30	21.6	0.4	C 436	21.6	0.4	39	6	AP064078	AP064078 Sequence
C 364	22	0.4	30	21.6	0.4	C 437	21.6	0.4	39	6	BD008477	BD008477 Targeting
365	22	0.4	30	21.6	0.4	C 438	21.6	0.4	40	6	AX299729	AX299729 Sequence
C 366	22	0.4	30	21.6	0.4	C 439	21.6	0.4	45	6	AP064077	AP064077 Sequence
367	22	0.4	30	21.6	0.4	440	21.6	0.4	45	6	AX009469	AX009469 Sequence
C 368	22	0.4	30	21.6	0.4	441	21.6	0.4	45	6	AX320846	AX320846 Sequence
369	22	0.4	30	21.6	0.4	C 442	21.6	0.4	45	6	AX320847	AX320847 Sequence
C 370	22	0.4	30	21.6	0.4	C 443	21.6	0.4	45	6	BD008476	BD008476 Targeting
C 371	22	0.4	30	21.6	0.4	444	21.6	0.4	45	6	I32116	I32116 Sequence 6
372	22	0.4	30	21.6	0.4	445	21.6	0.4	45	6	I32121	I32121 Sequence 11
C 373	22	0.4	35	21.6	0.4	446	21.6	0.4	48	6	AR071849	AR071849 Sequence
C 374	22	0.4	35	21.6	0.4	447	21.6	0.4	48	6	AR112589	AR112589 Sequence
375	22	0.4	36	21.6	0.4	C 448	21.6	0.4	49	6	AP162086	AP162086 Sequence
376	22	0.4	36	21.6	0.4	C 449	21.6	0.4	49	6	AP166611	AP166611 Sequence
377	22	0.4	36	21.6	0.4	C 450	21.6	0.4	50	6	AX160478	AX160478 Sequence
378	22	0.4	36	21.6	0.4	451	21.6	0.4	50	6	AX161079	AX161079 Sequence
379	22	0.4	39	21.6	0.4	C 452	21.6	0.4	50	6	AX162044	AX162044 Sequence
380	22	0.4	40	21.4	0.4	C 453	21.4	0.4	25	6	AX394507	AX394507 Sequence
C 381	22	0.4	42	21.4	0.4	454	21.4	0.4	25	6	AX394514	AX394514 Sequence
382	22	0.4	42	21.4	0.4	C 455	21.4	0.4	29	6	AX052989	AX052989 Sequence
383	22	0.4	45	21.4	0.4	456	21.4	0.4	32	6	AX080522	AX080522 Sequence
C 384	22	0.4	49	21.4	0.4	C 457	21.4	0.4	33	6	I29922	I29922 Sequence 35
C 385	22	0.4	50	21.4	0.4	458	21.4	0.4	34	6	E07882	E07882 PCR primer
C 386	22	0.4	50	21.4	0.4	459	21.4	0.4	35	6	I35032	I35032 Sequence 11
387	21.8	0.4	25	21.4	0.4	460	21.4	0.4	36	6	AX465470	AX465470 Sequence
388	21.8	0.4	26	21.4	0.4	461	21.4	0.4	40	6	A59198	A59198 Sequence 7
389	21.8	0.4	26	21.4	0.4	462	21.4	0.4	40	6	A93431	A93431 Sequence 4
C 390	21.8	0.4	29	21.4	0.4	463	21.4	0.4	40	6	AP079191	AP079191 Sequence
C 391	21.8	0.4	29	21.4	0.4	464	21.4	0.4	40	6	AR149881	AR149881 Sequence
392	21.8	0.4	34	21.4	0.4	465	21.4	0.4	40	6	AX001999	AX001999 Sequence
393	21.8	0.4	35	21.4	0.4	466	21.4	0.4	40	6	AX235336	AX235336 Sequence
394	21.8	0.4	38	21.4	0.4	467	21.4	0.4	40	6	AX299737	AX299737 Sequence
395	21.8	0.4	40	21.4	0.4	468	21.4	0.4	43	6	AX361592	AX361592 Sequence
396	21.8	0.4	40	21.4	0.4	469	21.4	0.4	43	6	AX484472	AX484472 Sequence
397	21.8	0.4	40	21.4	0.4	470	21.4	0.4	43	6	I78653	I78653 Sequence 8
398	21.8	0.4	40	21.4	0.4	471	21.4	0.4	43	6	I78658	I78658 Sequence 13
C 399	21.8	0.4	40	21.4	0.4	472	21.4	0.4	45	6	A32899	A32899 Synthetic t
400	21.8	0.4	41	21.4	0.4	473	21.4	0.4	45	6	A44598	A44598 Sequence 10
C 401	21.8	0.4	41	21.4	0.4	C 474	21.4	0.4	45	6	AX287569	AX287569 Sequence
402	21.8	0.4	43	21.4	0.4	C 475	21.4	0.4	45	6	AX287573	AX287573 Sequence
403	21.8	0.4	45	21.4	0.4	476	21.4	0.4	45	6	E21691	E21691 Spermatogen
404	21.8	0.4	45	21.4	0.4	477	21.4	0.4	45	6	I14850	I14850 Sequence 15
C 405	21.8	0.4	45	21.4	0.4	478	21.4	0.4	45	6	I14850	I14850 Sequence 20
C 406	21.8	0.4	46	21.4	0.4	C 479	21.4	0.4	47	6	AF209894	AF209894 Sequence
407	21.8	0.4	46	21.4	0.4	C 480	21.4	0.4	47	6	AX356068	AX356068 Sequence
C 408	21.8	0.4	46	21.4	0.4	481	21.4	0.4	48	6	AX417660	AX417660 Sequence
409	21.8	0.4	46	21.4	0.4	482	21.4	0.4	49	6	AX279697	AX279697 Sequence
410	21.8	0.4	47	21.4	0.4	C 483	21.4	0.4	50	6	AX161079	AX161079 Sequence
C 411	21.8	0.4	48	21.4	0.4	C 484	21.4	0.4	50	6	AX164963	AX164963 Sequence
C 412	21.8	0.4	48	21.4	0.4	C 485	21.4	0.4	50	6	AX164964	AX164964 Sequence
C 413	21.8	0.4	48	21.4	0.4	C 486	21.4	0.4	26	6	AR3569	AR3569 Sequence 10
C 414	21.8	0.4	48	21.4	0.4	C 487	21.4	0.4	26	6	AR137712	AR137712 Sequence
C 415	21.8	0.4	48	21.4	0.4	C 488	21.4	0.4	26	6	AP174582	AP174582 Sequence
C 416	21.8	0.4	49	21.4	0.4	C 489	21.4	0.4	26	6	AX427154	AX427154 Sequence
C 417	21.8	0.4	49	21.4	0.4	C 490	21.4	0.4	26	6	BD007174	BD007174 Method an
C 418	21.8	0.4	49	21.4	0.4	C 491	21.4	0.4	26	6	I79495	I79495 Sequence 2
C 419	21.8	0.4	50	21.4	0.4	C 492	21.4	0.4	27	6	AX104719	AX104719 Sequence
C 420	21.8	0.4	50	21.4	0.4	C 493	21.4	0.4	27	6	AX355814	AX355814 Sequence
C 421	21.8	0.4	50	21.4	0.4	494	21.4	0.4	27	6	E04985	E04985 DNA sequenc
C 422	21.8	0.4	50	21.4	0.4	C 495	21.4	0.4	28	6	AX427136	AX427136 Sequence
C 423	21.8	0.4	50	21.4	0.4	496	21.4	0.4	29	6	AX350101	AX350101 Sequence
424	21.8	0.4	50	21.4	0.4	497	21.4	0.4	30	6	AX351711	AX351711 Sequence
425	21.8	0.4	50	21.4	0.4	498	21.4	0.4	31	6	A08914	A08914 H sapiens (
C 426	21.8	0.4	50	21.4	0.4	499	21.4	0.4	34	6	AR174572	AR174572 Sequence
C 427	21.8	0.4	50	21.4	0.4	500	21.4	0.4	34	6	AX179588	AX179588 Sequence
C 428	21.8	0.4	50	21.4	0.4	501	21.4	0.4	39	6	AP110133	AP110133 Sequence
C 429	21.8	0.4	50	21.4	0.4	502	21.4	0.4	41	6	I14300	I14300 Sequence 1
C 430	21.8	0.4	50	21.4	0.4	503	21.4	0.4	41	6	I29926	I29926 Sequence 39

C 504	21.2	0.4	43	6	AX088432	AX088432 Sequence	577	20.8	0.4	40	6	A43785	A43785 Sequence 10
505	21.2	0.4	43	6	AX484579	AX484579 Sequence	578	20.8	0.4	40	6	I84451	I84451 Sequence 10
506	21.2	0.4	43	6	AX484610	AX484610 Sequence	C 579	20.8	0.4	42	6	AP071840	AP071840 Sequence
C 507	21.2	0.4	46	6	AX287577	AX287577 Sequence	C 580	20.8	0.4	42	6	AR112580	AR112580 Sequence
C 508	21.2	0.4	46	6	AX287581	AX287581 Sequence	581	20.8	0.4	42	6	AR184436	AR184436 Sequence
509	21.2	0.4	50	6	AX160546	AX160546 Sequence	582	20.8	0.4	42	6	AR184437	AR184437 Sequence
510	21.2	0.4	50	6	AX484734	AX484734 Sequence	583	20.8	0.4	42	6	AX354546	AX354546 Sequence
C 511	21.2	0.4	50	9	HSTFE3IA4	X84968 H.sapiens t	584	20.8	0.4	42	6	AX354547	AX354547 Sequence
C 512	21.2	0.4	50	10	MMU403562	AJ403562 M.musculu	585	20.8	0.4	43	6	AP096493	AP096493 Sequence
C 513	21.2	0.4	50	10	MMU403579	AJ403579 M.musculu	C 586	20.8	0.4	43	6	AR200693	AR200693 Sequence
514	21	0.4	21	6	A64735	A64735 Sequence 1	587	20.8	0.4	43	6	AR207761	AR207761 Sequence
515	21	0.4	21	6	A64738	A64738 Sequence 4	588	20.8	0.4	43	6	AX483603	AX483603 Sequence
C 516	21	0.4	21	6	AX418161	AX418161 Sequence	589	20.8	0.4	44	6	BD000781	BD000781 Method of
517	21	0.4	21	6	AX418162	AX418162 Sequence	C 590	20.8	0.4	45	6	AX320842	AX320842 Sequence
518	21	0.4	28	6	AX184200	AX184200 Sequence	591	20.8	0.4	50	6	AR158449	AR158449 Sequence
519	21	0.4	30	6	AX351713	AX351713 Sequence	C 592	20.8	0.4	50	6	AX159889	AX159889 Sequence
C 520	21	0.4	31	6	E26403	E26403 h-Hyd Prote	C 593	20.8	0.4	50	6	AX160546	AX160546 Sequence
521	21	0.4	34	6	A23805	A23805 Artificial	C 594	20.8	0.4	50	6	AX161082	AX161082 Sequence
522	21	0.4	36	6	I13627	I13627 Sequence 12	595	20.6	0.4	21	6	AX094952	AX094952 Sequence
523	21	0.4	36	6	I63478	I63478 Sequence 9	596	20.6	0.4	21	6	AX094953	AX094953 Sequence
C 524	21	0.4	37	6	AR125148	AR125148 Sequence	597	20.6	0.4	21	6	AX094954	AX094954 Sequence
C 525	21	0.4	38	6	AX009599	AX009599 Sequence	598	20.6	0.4	29	6	AX430216	AX430216 Sequence
C 526	21	0.4	38	6	AX009600	AX009600 Sequence	599	20.6	0.4	29	6	E04206	E04206 single stra
C 527	21	0.4	40	6	AR149456	AR149456 Sequence	C 600	20.6	0.4	35	6	A63566	A63566 Sequence 7
C 528	21	0.4	40	6	AX456181	AX456181 Sequence	601	20.6	0.4	35	6	AR051295	AR051295 Sequence
C 529	21	0.4	40	6	E49428	E49428 Method for	602	20.6	0.4	35	6	I16943	I16943 Sequence 12
C 530	21	0.4	41	6	E13926	E13926 Primer. 4/1	603	20.6	0.4	35	6	I36309	I36309 Sequence 8
C 531	21	0.4	41	6	E16035	E16035 DNA primer	604	20.6	0.4	35	6	I45737	I45737 Sequence 12
C 532	21	0.4	42	6	AR020971	AR020971 Sequence	605	20.6	0.4	36	6	AX323260	AX323260 Sequence
C 533	21	0.4	42	6	AP043386	AP043386 Sequence	C 606	20.6	0.4	37	6	AR072973	AR072973 Sequence
C 534	21	0.4	42	6	AR062301	AR062301 Sequence	C 607	20.6	0.4	37	6	AR072975	AR072975 Sequence
C 535	21	0.4	42	6	AR183760	AR183760 Sequence	C 608	20.6	0.4	38	6	AR160249	AR160249 Sequence
536	21	0.4	45	6	I60571	I60571 Sequence 25	609	20.6	0.4	40	6	AX428591	AX428591 Sequence
C 537	21	0.4	46	6	I22397	I22397 Sequence 5	610	20.6	0.4	40	6	AX456187	AX456187 Sequence
C 538	21	0.4	46	6	I45570	I45570 Sequence 5	C 611	20.6	0.4	41	6	AR006790	AR006790 Sequence
C 539	21	0.4	48	6	AX133326	AX133326 Sequence	C 612	20.6	0.4	41	6	AR135398	AR135398 Sequence
C 540	21	0.4	49	6	AX441052	AX441052 Sequence	C 613	20.6	0.4	41	6	I71302	I71302 Sequence 40
541	21	0.4	49	6	I92353	I92353 Sequence 5	614	20.6	0.4	43	3	MMAJ2274	AJ002274 Drosophil
C 542	21	0.4	50	6	AR199385	AR199385 Sequence	C 615	20.6	0.4	45	6	A28989	A28989 oligo 8 fro
C 543	21	0.4	50	6	AX157894	AX157894 Sequence	C 616	20.6	0.4	45	6	AR029452	AR029452 Sequence
C 544	21	0.4	50	6	AX159707	AX159707 Sequence	C 617	20.6	0.4	45	6	AR029489	AR029489 Sequence
C 545	21	0.4	50	6	AX162675	AX162675 Sequence	C 618	20.6	0.4	45	6	AP030910	AP030910 Sequence
546	21	0.4	50	6	HSTFE3IA4	X84968 H.sapiens t	C 619	20.6	0.4	45	6	I28302	I28302 Sequence 10
547	21	0.4	50	9	HUMTGVA2	M18912 Human Val-t	620	20.6	0.4	45	6	I32114	I32114 Sequence 4
548	21	0.4	50	9	HUMTGVD2	M18915 Human chime	C 621	20.6	0.4	45	6	I47305	I47305 Sequence 6
C 549	20.8	0.4	24	6	AX394609	AX394609 Sequence	C 622	20.6	0.4	45	6	AR137670	AR137670 Sequence
C 550	20.8	0.4	25	6	AX394611	AX394611 Sequence	C 623	20.6	0.4	47	6	AX441077	AX441077 Sequence
C 551	20.8	0.4	25	6	I29929	I29929 Sequence 42	C 624	20.6	0.4	49	3	DDU63607	DDU63607 Dictyosteli
C 552	20.8	0.4	26	6	AX394613	AX394613 Sequence	C 625	20.6	0.4	49	6	AX441069	AX441069 Sequence
C 553	20.8	0.4	27	6	AX009609	AX009609 Sequence	C 626	20.6	0.4	49	6	AX441075	AX441075 Sequence
C 554	20.8	0.4	27	6	AX394614	AX394614 Sequence	627	20.6	0.4	50	6	AX159492	AX159492 Sequence
C 555	20.8	0.4	28	6	AX394616	AX394616 Sequence	628	20.6	0.4	50	6	AX159494	AX159494 Sequence
C 556	20.8	0.4	28	6	AX394617	AX394617 Sequence	629	20.6	0.4	50	6	AX159496	AX159496 Sequence
C 557	20.8	0.4	29	6	AX394619	AX394619 Sequence	C 530	20.6	0.4	50	6	AX159709	AX159709 Sequence
C 558	20.8	0.4	30	6	AX394621	AX394621 Sequence	631	20.6	0.4	50	6	AX160420	AX160420 Sequence
C 559	20.8	0.4	31	6	AX394623	AX394623 Sequence	632	20.6	0.4	50	6	AX164938	AX164938 Sequence
560	20.8	0.4	32	6	AP051291	AP051291 Sequence	633	20.6	0.4	50	6	AX164939	AX164939 Sequence
C 561	20.8	0.4	32	6	AX002034	AX002034 Sequence	C 634	20.4	0.4	22	6	AR164336	AR164336 Sequence
C 562	20.8	0.4	32	6	AX394625	AX394625 Sequence	C 635	20.4	0.4	22	6	AX083692	AX083692 Sequence
563	20.8	0.4	32	6	I16939	I16939 Sequence 8	C 636	20.4	0.4	22	6	I31828	I31828 Sequence 19
564	20.8	0.4	32	6	I45733	I45733 Sequence 8	C 637	20.4	0.4	22	6	I69425	I69425 Sequence 19
565	20.8	0.4	33	6	AR001555	AR001555 Sequence	638	20.4	0.4	23	6	AR089237	AR089237 Sequence
C 566	20.8	0.4	33	6	AX394627	AX394627 Sequence	C 639	20.4	0.4	27	6	AX327980	AX327980 Sequence
C 567	20.8	0.4	34	6	AX394629	AX394629 Sequence	640	20.4	0.4	28	6	I06459	I06459 Sequence 2
568	20.8	0.4	35	6	AR051302	AR051302 Sequence	641	20.4	0.4	30	6	AR051244	AR051244 Sequence
C 569	20.8	0.4	35	6	AX394630	AX394630 Sequence	642	20.4	0.4	30	6	AR127791	AR127791 Sequence
570	20.8	0.4	35	6	I16950	I16950 Sequence 19	C 643	20.4	0.4	30	6	E13629	E13629 A part of p
571	20.8	0.4	35	6	I45744	I45744 Sequence 19	C 644	20.4	0.4	30	6	I09672	I09672 Sequence 3
572	20.8	0.4	36	6	AR036340	AR036340 Sequence	645	20.4	0.4	30	6	I28373	I28373 Sequence 12
573	20.8	0.4	36	6	AR048477	AR048477 Sequence	646	20.4	0.4	31	6	A76877	A76877 Sequence 9
574	20.8	0.4	36	6	I72088	I72088 Sequence 3	C 647	20.4	0.4	32	6	AX080523	AX080523 Sequence
575	20.8	0.4	38	6	AX009598	AX009598 Sequence	C 648	20.4	0.4	32	6	I29822	I29822 Sequence 5
576	20.8	0.4	38	6	AX009602	AX009602 Sequence	C 649	20.4	0.4	34	6	AP098655	AP098655 Sequence

C 650	20	4	0.4	723	20	0.4	35	6	AP070125	AP070125 Sequence
651	20	4	0.4	724	20	0.4	36	6	AX349250	AX349250 Sequence
652	20	4	0.4	725	20	0.4	37	6	AF119237	AF119237 Sequence
653	20	4	0.4	726	20	0.4	38	6	AP202957	AP202957 Sequence
654	20	4	0.4	727	20	0.4	39	6	AX009597	AX009597 Sequence
655	20	4	0.4	728	20	0.4	39	6	AP064070	AP064070 Sequence
C 656	20	4	0.4	729	20	0.4	39	6	AP163661	AP163661 Sequence
657	20	4	0.4	730	20	0.4	39	6	AX259567	AX259567 Sequence
658	20	4	0.4	731	20	0.4	39	6	BP008478	BP008478 Targeting
C 659	20	4	0.4	732	20	0.4	40	6	A59198	A59198 Sequence 7
660	20	4	0.4	733	20	0.4	40	6	A02431	A02431 Sequence 4
661	20	4	0.4	734	20	0.4	40	6	AP070191	AP070191 Sequence
662	20	4	0.4	735	20	0.4	40	6	AP149881	AP149881 Sequence
663	20	4	0.4	736	20	0.4	40	6	AX299738	AX299738 Sequence
664	20	4	0.4	737	20	0.4	41	6	AX282831	AX282831 Sequence
665	20	4	0.4	738	20	0.4	42	6	AX320843	AX320843 Sequence
666	20	4	0.4	739	20	0.4	42	6	AP001575	AP001575 Sequence
667	20	4	0.4	740	20	0.4	44	6	AX027465	AX027465 Sequence
668	20	4	0.4	741	20	0.4	44	6	AX027467	AX027467 Sequence
669	20	4	0.4	742	20	0.4	45	6	AX320842	AX320842 Sequence
C 670	20	4	0.4	743	20	0.4	45	6	AP072029	AP072029 Sequence
C 671	20	4	0.4	744	20	0.4	46	6	AP072029	AP072029 Sequence
C 672	20	4	0.4	745	20	0.4	46	6	AX482055	AX482055 Sequence
C 673	20	4	0.4	746	20	0.4	48	6	AX113854	AX113854 Sequence
674	20	4	0.4	747	20	0.4	49	6	A20615	A20615 oligonucleo
675	20	4	0.4	748	20	0.4	49	6	A23801	A23801 Pyruvate ki
676	20	4	0.4	749	20	0.4	49	6	AP003525	AP003525 Sequence
677	20	4	0.4	750	20	0.4	49	6	AX404630	AX404630 Sequence
C 678	20	4	0.4	751	20	0.4	49	6	I65561	I65561 Sequence 12
C 679	20	4	0.4	752	20	0.4	50	6	AR169451	AR169451 Sequence
680	20	4	0.4	753	20	0.4	50	6	AX160086	AX160086 Sequence
C 681	20	4	0.4	754	20	0.4	50	6	AX160090	AX160090 Sequence
682	20	4	0.4	755	20	0.4	50	6	I36503	I36503 Sequence 2
683	20	4	0.4	756	20	0.4	50	6	AR084583	AR084583 Sequence
684	20	4	0.4	757	20	0.4	50	6	AR084604	AR084604 Sequence
C 685	20	4	0.4	758	20	0.4	50	6	I16926	I16926 Sequence 1
686	20	4	0.4	759	20	0.4	51	6	A64736	A64736 Sequence 2
687	20	4	0.4	760	20	0.4	51	6	A64739	A64739 Sequence 5
688	20	4	0.4	761	20	0.4	51	6	AX083569	AX083569 Sequence
689	20	4	0.4	762	20	0.4	51	6	AX083569	AX083569 Sequence
C 690	20	4	0.4	763	20	0.4	56	6	AX104642	AX104642 Sequence
C 691	20	4	0.4	764	20	0.4	56	6	AX355715	AX355715 Sequence
692	20	4	0.4	765	20	0.4	56	6	E29852	E29852 Primer for
693	20	4	0.4	766	20	0.4	59	6	AP142456	AP142456 Sequence
694	20	4	0.4	767	20	0.4	59	6	AX181697	AX181697 Sequence
C 695	20	4	0.4	768	20	0.4	59	6	I65795	I65795 Sequence 13
696	20	4	0.4	769	20	0.4	59	6	AP019209	AP019209 Sequence
C 697	20	4	0.4	770	20	0.4	59	6	AP019241	AP019241 Sequence
C 698	20	4	0.4	771	20	0.4	59	6	I29889	I29889 Sequence 2
699	20	4	0.4	772	20	0.4	59	6	AP051294	AP051294 Sequence
C 700	20	4	0.4	773	20	0.4	59	6	I16942	I16942 Sequence 11
701	20	4	0.4	774	20	0.4	59	6	I45736	I45736 Sequence 11
702	20	4	0.4	775	20	0.4	59	6	AX009599	AX009599 Sequence
703	20	4	0.4	776	20	0.4	59	6	E14896	E14896 PCR primer
C 704	20	4	0.4	777	20	0.4	59	6	AX299730	AX299730 Sequence
C 705	20	4	0.4	778	20	0.4	40	6	AR098670	AR098670 Sequence
706	20	4	0.4	779	20	0.4	42	6	AP184440	AP184440 Sequence
C 707	20	4	0.4	780	20	0.4	42	6	AR204744	AR204744 Sequence
708	20	4	0.4	781	20	0.4	42	6	AX173347	AX173347 Sequence
C 709	20	4	0.4	782	20	0.4	42	6	AX354550	AX354550 Sequence
C 710	20	4	0.4	783	20	0.4	42	6	AX428578	AX428578 Sequence
C 711	20	4	0.4	784	20	0.4	43	6	AP069130	AP069130 Sequence
C 712	20	4	0.4	785	20	0.4	43	6	E12626	E12626 PCR primer
C 713	20	4	0.4	786	20	0.4	43	6	E13645	E13645 Primer, 4/1
714	20	4	0.4	787	20	0.4	45	6	E35912	E35912 Method for
715	20	4	0.4	788	20	0.4	45	6	I32121	I32121 Sequence 11
716	20	4	0.4	789	20	0.4	47	6	AX194951	AX194951 Sequence
C 717	20	4	0.4	790	20	0.4	47	6	AX320959	AX320959 Sequence
C 718	20	4	0.4	791	20	0.4	48	6	AP009895	AP009895 Sequence
C 719	20	4	0.4	792	20	0.4	48	6	AX356069	AX356069 Sequence
C 720	20	4	0.4	793	20	0.4	48	6	AX441053	AX441053 Sequence
721	20	4	0.4	794	20	0.4	50	6	AR133019	AR133019 Sequence
C 722	20	4	0.4	795	20	0.4	50	6	AX058549	AX058549 Sequence

[illegible]

ACCESSION	E50989
VERSION	E50989.1 GL18622166
KEYWORDS	JP 2000300267-A/3
SOURCE	synthetic construct.
ORGANISM	synthetic construct artificial sequences.
REFERENCE	1 (bases 1 to 45)
AUTHORS	Fujimura,K.
TITLE	Method for measuring nucleic acid and kit therefor
JOURNAL	Patent JP 2000300267 A 3 31 OCT 2000; GJUTSU KENYU KIMAI IRYO FUKUSHI KIVI KENYUSHO
COMMENT	OS Artificial Sequence PN JP 2000300267-A/3 PD 31-OCT-2000 PF 21-APR-1999 JP 1999113165 PR PI KATSUYA FUJIMURA PC CLN15/00,CLN1/EA,CLN15/00 CC FH Key Location/Qualifiers FT source 1..45 FT /organism='Artificial Sequence'

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Query Match	0.5%	Score 28;	DB 6;	Length 45;
Best Local Similarity	77.3%	Pred. No. 2.6e+05;		
Matches 34;	Conservative 0;	Mismatches 10;	Indels	

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Query Match	0.58;	Score 278;	DB 6;	Length 40;
Best Local Similarity	92.18;	Prod No 29400;		
Matches	32;	Conservative	0;	Mismatches 7;
		Indels	0;	Gaps 0;

Qy 3117 3115

Db 40 2

RESULT 10			
AX225198			
LOCUS	AX225198	43 bp	DNA linear
			FAT 10-SEP-2001

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DEFINITION      Sequence 7 from Patent WO0161033.
ACCESSION       AX225198
VERSION         AX225198.1  GI:15555219
SOURCE          .
ORGANISM        synthetic construct.
                synthetic construct
                artificial sequences.
REFERENCE       1  (bases 1 to 43)
AUTHORS         Schouten, J.P.
TITLE           Multiplex ligatable probe amplifi
JOURNAL         Patent. WO 0161033-A 7 23-AUG-2000
                Schouten, Johannes Petrus (NL)
FEATURES        Location/Qualifiers
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                /note="synthetic DNA"
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Matches 32; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

[illegible]

RESULT 11					
AP038858/c					
LOCUS	AP038858		DNA	linear	PAT 29-SEP-1999
DEFINITION	Sequence 9 from patent US 5807703.		44 bp		
ACCESSION	AP038858				
VERSION	AP038858.1				
KEYWORDS	.				
SOURCE	Unknown.				
ORGANISM	Unknown.				

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REFERENCE
AUTHORS
1 (bases 1 to 44)
Jacobs, V , McCoy, J M , LaVallie, E P , Pacific, L A , Mutha, D ,
Trecay, M , Evans, C , Spaulding, V and Rowman, M.
TITLE
Secreted proteins and polynucleotides encoding them
JOURNAL
Patent. US 5807703-A 9 15-SEP-1998;
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Location/Qualifiers
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source
/organism="unknown"
BASE COUNT
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[illegible]

RESULT 12
 AX261361
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 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 1
 AUTHORS
 TITLE
 REFERENCE

[illegible]

DEFINITION Sequence 5 from patent US 5571893.
ACCESSION I28514
VERSION I28514.1 GI:1819290
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 50)
AUTHORS Baker,J., Chien,K., King,K., Pennica,D. and Wood,W.
TITLE Cardiac hypertrophy factor
JOURNAL Patent: US 5571893-A 5 05-NOV-1996;
FEATURES Location/Qualifiers
source
1. .50
/organism="unknown"
BASE COUNT 3 a 7 c 7 g 33 t
ORIGIN

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Best Local Similarity 72.3%; Pred. No. 6.7e+05;
Matches 34; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 1240 AAAAAACAAACAAACAAACAAACAAACCCCAAGTCCCTTCCCGGCAG 1286
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Db 48 AAAAAACAAACAAACAAACAAACAAACCCCAAGTCCGAGCTCGCGGCCG 2

RESULT 30
I41125/c
LOCUS I41125 50 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 5 from patent US 5624806.
ACCESSION I41125
VERSION I41125.1 GI:2081715
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 50)
AUTHORS Baker,J., Chien,K., King,K., Pennica,D. and Wood,W.
TITLE Antibodies to cardiac hypertrophy factor and uses thereof
JOURNAL Patent: US 5624806-A 5 29-APR-1997;
FEATURES Location/Qualifiers
source
1. .50
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BASE COUNT 3 a 7 c 7 g 33 t
ORIGIN

Query Match 0.5%; Score 26.2; DB 6; Length 50;
Best Local Similarity 72.3%; Pred. No. 6.7e+05;
Matches 34; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

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RESULT 31
I49056/c
LOCUS I49056 50 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 5 from patent US 5627073.
ACCESSION I49056
VERSION I49056.1 GI:2467519
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 50)
AUTHORS Baker,J., Chien,K., King,K., Pennica,D. and Wood,W.
TITLE Hybridomas producing antibodies to cardiac hypertrophy factor
JOURNAL Patent: US 5627073-A 5 06-MAY-1997;
FEATURES Location/Qualifiers
source
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/organism="unknown"
BASE COUNT 3 a 7 c 7 g 33 t
ORIGIN

ORIGIN

Query Match 0.5%; Score 26.2; DB 6; Length 50;
Best Local Similarity 72.3%; Pred. No. 6.7e+05;
Matches 34; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 1240 AAAAAACAAACAAACAAACAAACAAACCCCAAGTCCCTTCCCGGCAG 1286
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Db 48 AAAAAACAAACAAACAAACAAACAAACCCCAAGTCCGAGCTCGCGGCCG 2

RESULT 32
I70295/c
LOCUS I70295 50 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 5 from patent US 5679545.
ACCESSION I70295
VERSION I70295.1 GI:3006430
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 50)
AUTHORS Baker,J., Chien,K., King,K., Pennica,D. and Wood,W.
TITLE Gene encoding cardiac hypertrophy factor
JOURNAL Patent: US 5679545-A 5 21-OCT-1997;
FEATURES Location/Qualifiers
source
1. .50
/organism="unknown"
BASE COUNT 3 a 7 c 7 g 33 t
ORIGIN

Query Match 0.5%; Score 26.2; DB 6; Length 50;
Best Local Similarity 72.3%; Pred. No. 6.7e+05;
Matches 34; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 1240 AAAAAACAAACAAACAAACAAACAAACCCCAAGTCCCTTCCCGGCAG 1286
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Db 48 AAAAAACAAACAAACAAACAAACAAACCCCAAGTCCGAGCTCGCGGCCG 2

RESULT 33
I90068/c
LOCUS I90068 50 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 5 from patent US 5723585.
ACCESSION I90068
VERSION I90068.1 GI:3410008
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 50)
AUTHORS Baker,J., Chien,K., King,K., Pennica,D. and Wood,W.
TITLE Method of purifying cardiac hypertrophy factor
JOURNAL Patent: US 5723585-A 5 03-MAR-1998;
FEATURES Location/Qualifiers
source
1. .50
/organism="unknown"
BASE COUNT 3 a 7 c 7 g 33 t
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Query Match 0.5%; Score 26.2; DB 6; Length 50;
Best Local Similarity 72.3%; Pred. No. 6.7e+05;
Matches 34; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 1240 AAAAAACAAACAAACAAACAAACAAACCCCAAGTCCCTTCCCGGCAG 1286
||||| |||| |||| |||| |||| |||| |||| |||| |||| ||||
Db 48 AAAAAACAAACAAACAAACAAACAAACCCCAAGTCCGAGCTCGCGGCCG 2

RESULT 34
AX458031/c
LOCUS AX458031 47 bp DNA linear PAT 08-JUL-2002
DEFINITION Sequence 23 from Patent WO0246387.

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ACCESSION      AY458031
VERSION        AX458031.1   GI:21724883
KEYWORDS       .
SOURCE         synthetic construct.
ORGANISM       synthetic construct
               artificial sequences.
REFERENCE      1
AUTHORS        Warner,S , Hawkes,T and Andrews,C
TITLE          Plant derived hydroxy phenyl pyruvate dioxygenases (hppd) resistant
               against triketone herbicides and transgenic plants containing these
               dioxygenases
JOURNAL        Patent: WO 0246387-A 23 JUN-2002;
               Syngenta Limited (GB)
FEATURES       Location/Qualifiers
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               /note="Primer DT30"
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Best Local Similarity    76.2%, Pred.No. 7.4e+05;
Matches 32; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
Qy 1235 AAGGGAAGAAACCAAAACAAAACAAAAAACAACCCAAAGTGCCT 1277
Db 47 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACTCGAGGATCCT 6

RESULT 35
AX158154/c
LOCUS          AX15P154                      50 bp             DNA             linear             PAT 20 JUN 2001
DEFINITION     sequence 148? from Patent WO0140521
ACCESSION      AX158154
VERSION        AX158154.1   GI:14539485
KEYWORDS       .
SOURCE         human.
ORGANISM       Homo sapiens
REFERENCE      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS        1. (bases 1 to 50)
               Shimkets,R.A. and Leach,M.
TITLE          Nucleic acids containing single nucleotide polymorphisms and
               methods of use thereof
JOURNAL        Patent: WO 0140521-A 148? 07 JUN-2001,
               Curagen Corporation (US)
FEATURES       Location/Qualifiers
               source            1..50
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               /db_xref="taxon:9606"
               misc_feature       25..26
               /note="Nucleotide deleted between bases 25 and 26
               Accession number cg29689883"
               misc_feature       26
               /note="2 of 2 allelic variants (1481 is other entry)"
BASE COUNT     1 a           7 c           4 g           38 t
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Query Match              0.5%; Score 26; DB 6; Length 50;
Best Local Similarity    76.2%; Pred.No. 7.4e+05;
Matches 32; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
Qy 1235 AAGGGAAGAAACCAAAACAAAACAAAACAAAACCCAAAGTGCCT 1276
Db 42 AAAAAAGCAAAAAAAGCAAAACCAAGCAAAAGCAAAATGTGCC 1

RESULT 36
AX287571
LOCUS          AX287571                      45 bp             DNA             linear             PAT 21 NOV-2001
DEFINITION     Sequence 14 from Patent WO0177390
ACCESSION      AX287571
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QY 3124 TTCCCTTCCCTTTTTTTTTTTTGTGTTTTTTTTT 3155

